

28. The process of claim 20, wherein prior to said subjecting step is the step of modifying radiation from a radiation source to eliminate wavelengths which would damage said contact lens.

D1 29. The process of claim 21, wherein said minimum total energy density of said ultraviolet radiation in the range of 240 to 280 nm which reaches said microorganisms, further reaches said contents of said container whereby the entire contents of said container and said contact lens are sterilized.

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D2 33. The process of claim 51 wherein said container comprises a lid and a bowl, wherein said lid and said bowl consist essentially of thermoplastics and said lid and said bowl are transmissive to at least 50% of said radiation in the range of 240 to 280 nm in substantially all directions.

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D3 35. The process of claim 51 wherein said subjecting step follows the steps of:  
(a) forming a contact lens;  
(b) placing said contact lens in a container; and  
(c) moving said container into an apparatus comprising a radiation source; and wherein said apparatus is light-tight during said subjecting step.

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D4 37. The process of claim 35 wherein said contact lens comprises UV-blocker which blocks greater than 50 % of the radiation in the range of 240 to 280 nm.

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52. The process of claim 51 wherein said subjecting step further provides:  
subjecting said contact lens to ultraviolet radiation whereby the  $D_{\text{value}}$  of Bacillus stearothermophilus, ATCC 7953, is at least  $3.9 \text{ mJ/cm}^2$  ultraviolet radiation in the range of 240 to 280 nm to the spore.

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Kindly add new claims 55, 56, 57, 58, 59 and 60 as follows:

55. The process of claim 51, wherein during said subjecting step said container is within an apparatus comprising a radiation source and said apparatus is light-tight during said subjecting step.

56. The process of claim 33, wherein during said subjecting step said container is within an apparatus comprising a radiation source and said apparatus is light-tight during said subjecting step.

57. The process of claim 35, wherein said apparatus comprises:  
at least one radiation source and at least one reflector wherein at least one said reflector directs radiation from said radiation source to a treatment area, such that at least  $3 \text{ J/cm}^2$  broad spectrum radiation of which at least  $50 \text{ mJ/cm}^2$  of said radiation is UV radiation in the range of 240 to 280 nm reaches said treatment area, said treatment area is located at the focal plane of said at least one reflector, and further said treatment area is where said container is placed to receive the radiation wherein said apparatus further comprises a power supply which has a capacitance of 80 to 160 microFarad.

58. The process of claim 57 further comprising a power supply which can generate a potential of 2500-6000 volts.

59. The process of claim 57 wherein said at least one reflector has enhanced reflection in the ultraviolet.

60. The process of claim 57 wherein said at least one reflector minimizes the non-ultraviolet radiation reaching said contact lens.--